

# Underwater Vehicle Localisation using Extended Kalman Filter

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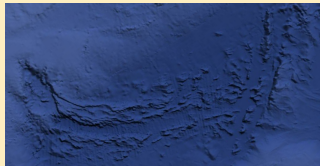
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# Motivation

## Why underwater?



(a) Edinburgh, city centre. Location:  $55^{\circ} 57' 16'' N$   $3^{\circ} 11' 58'' W$ . Area:  $\approx 400 \times 300m$

(b) ... 1300 km away, Norwegian sea. Area:  $\approx 700 \times 300km$

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o conquer the - we need to navigate through.

# Sensors Description

Brief description of navigation sensors.

Example of the `\cite` command to give a reference is below:  
With an example of citation, [Label1, 2010], we may proceed to the Bibliography section.

# References



Author's name (1987)

Title of the paper.

*Journal Name* 55(4), 765 – 799.

The End